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*Deficiency diseases, Intestines.

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Almost 2 years experience with the antibiotic Colistin
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The antibiotic was always excellently tolerated and
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The treatment was successful in 4/5 of the cases.
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CEA-A-1726

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*HISI 4784

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Scientific - A Geophysics

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DESCRIPTORS: *Pancreas, *Inflammation, *Gastro-
intestinal system, Excision, Diagnosis, Therapy.

(Biological Sciences--Surgery, TT, v. 10, no. 5)

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CIA/FDD X-5124

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JPRS 16453

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K. Schmeiser

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NTC 71-12735-07D

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CHEMISTRY OF THE POSITIVE OXIDATION STATES
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Order from SLA \$2.60 63-10603

I. Schmelsser, M.
II. Brindle, K.
III. Title: Chemistry...

Trans. of Angewandte Chemie (West Germany) 1961,
v. 73, no. 11, p. 388-393.

DESCRIPTORS: *Halogen compounds, *Chlorine com-
pounds, *Bromine compounds, *Iodine compounds,
*Nitrates, Nitrogen compounds, Oxychlorides, Com-
plex compounds, Physical properties, Chemical prop-
erties, Chemical reactions

(Chemistry--Inorganic, TT, v. 10, no. 1)

Office of Technical Services

Schmeisser, M. and Schwarzmann, M.
SILICON-DIBROMIDE $(\text{SiBr}_2)_x$ AND ITS DERIVATIVES. [1962] 12p. 1¹ refs.
Order from SLA \$1.60

62-16448

Trans. of Zeitschrift für Naturforschung (West Germany) 1956, v. 11b, no. 5, p. 278-282.

DESCRIPTORS: *Silicon compounds, *Bromides, Hydrolysis, Chlorination, Fluorination, Ammonia, Magnesium, Acetic acids, Chemical reactions, Hydrogenation, Grignard reactions.

It is possible to obtain a silicon subbromide of the composition $(\text{SiBr})_x$ from SiBr_4 and magnesium in ether solution; at 1200°C. from SiBr_4 and elementary silicon, besides the already known Si_2Br_6 , originates the unknown until now $(\text{SiBr}_2)_x$ as colophonium-like, solid substance well soluble in benzene and other organic solvents. It was possible to obtain it by sev- (Chemistry--Inorganic, TT, v. 8, no. 9) (over)

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I. Schmeisser, M.
H. Schwarzmann, M.

C 2399

Office of Technical Services

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DAS 1 052 369, filed 16 Dec 1957, pub 12 Mar 1959.

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Platinschmelze, Benau, West German, Austria,
Apr 1951, pp 224-242. (Encl to ATI-2420-52, Hq USAFE,
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AF 467130

Scientific - Metallurgy, materials, powders

CIA No 1004619

Jan 52 CTS/DEX

A 8229

Raffination of Diesel Fuels by Catalytic
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Tech and Comm Tr
\$34.00

Sci - Chemistry; Fuels
CTS/dax Jan 1957

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Schmeling, P.

PRELIMINARY RESULTS ON THE RELEASE OF
XENON-133 FROM URANIUM MONOCARBIDE
POWDER. [Special Technical rept. on Research into
the Diffusion of Inert Gases in Solid Bodies] 11 Nov 61 -
12 Mar 62, on Contract 064-61-8-RDD. [1962] 14p.
HMI EU-8-15.

Order from OTS or SLA \$1.60

EURAE-361

Trans. of a rept. from Hahn-Meltner-Institut für
Kernforschung, Berlin (West Germany) n.d.

DESCRIPTORS: *Xenon, Rare gases, Gas diffusion,
Solids, *Uranium compounds, *Carbides, Powders,
Radiochemistry, Heat treatment, Grain structures
(Metallurgy), Radioactive isotopes.

The release of xenon-133 from coarse powders of
uranium monocarbide was measured, and in most
cases acceptable release curves resulted. When heated
(Nuclear Physics and Nuclear Chemistry, TT, v. 10,
no. 6)
(over)

63-15650

- I. Schmeling, P.
- II. Title: Research ...
- III. HMI EU-8-15
- IV. EURAE-361
- V. European Atomic Energy
Community,
Brussels (Belgium)

44538

Office of Technical Services

Schmeling, P.

PRELIMINARY RESULTS ON THE RELEASE OF
XENON-133 FROM URANIUM MONOCARBIDE.

[Special Technical rept. 6 on Research into the Diffusion of Inert Gases in Solid Bodies]. June 61-2 Mar 62, on Contract 064-60-8-RDD. [1962] 21p. 8 refs. HMI EU-B-16.

Order from OTS or SLA \$1.60

EURAF-362

Trans. of a rept. from Hahn-Meitner-Institut für Kernforschung, Berlin (West Germany) n.d.

DESCRIPTORS: *Xenon, *Uranium compounds, *Carbides, *Tantalum, Chemical reactions, *Rare gases, Gas diffusion, Solids, Radiochemistry, Radioactive isotopes.

The release of Xenon-133 from bulk uranium monocarbide was studied at 950-1900° C in vacuum, whereby the chemical reaction between the specimen and the (Nuclear Physics and Nuclear Chemistry, TT, v. 1(1, no. 6)

(over)

63-15644

- I. Schmeling, P.
- II. Title: Research ...
- III. HMI EU-B-16
- IV. EURAF-362
- V. European Atomic Energy Community, Brussels (Belgium)

44536

Office of Technical Services

~~Schmeling, P.~~

RELEASE OF FISSION RARE-GAS DURING PAD HEATING AS A RESULT OF CHEMICAL INTERACTIONS AND ITS FALSE INTERPRETATION AS BEING DIFFUSION. [Special Technical rep. 4 on Research into the Diffusion of the Inert Gases in Solid Bodies]

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[1962] 48p. 54 refs. HMI EU-B-14.

Order from OLS or SLA \$4.60

EURAFEC-760

Trans. of a rept. from Hahn-Meitner-Institut für Kernforschung, Berlin (West Germany) n.d.

DESCRIPTORS: *Rare gases, Radiochemistry, *Gas diffusion, Solids, Uranium, Uranium compounds, Carbides, Dioxides, *Fission products, Corrosion, Xenon, Powders, Single crystals, Heating.

The experimental difficulties encountered when measuring the diffusion of fission gases are pointed out. Rev. (Nuclear Physics and Nuclear Chemistry, TT, v. 10, no. 6) (over)

63-15647

- I. Title: PAD
- I. Schmeling, P.
- II. Tech. Research ...
- III. HMI EU-B-14
- IV. EURAFEC-760
- V. European Atomic Energy Community, Brussels (Belgium)

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Office of Technical Services

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Contract 064-61-8-RDD. [1962] 15p. 2 refs.
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EURAEC-359

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DESCRIPTORS: *Fission products, Gases, *Helium
group gases, Diffusion, Graphic analysis, *Reactor
fuels, Annealing.

When measuring the accumulated release of fission
gases during a PAD experiment, the temperature is
(Nuclear Physics and Nuclear Chemistry, TT, v. 16,
no. 3)
(over)

63-15643

- I. Title: PAD experiments
- I. Schmeling, P.
- II. Title: Research ...
- III. HMI EU-B-13
- IV. EURAEC-259
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